

1. Git/GitHub

- Video tutorials <https://git-scm.com/videos>
- Git handbook <https://guides.github.com/introduction/git-handbook/>
- GitHub guides <https://guides.github.com/>
- Git cheat sheet <https://github.github.com/training-kit/downloads/github-git-cheat-sheet/>

Task 1: Create your GitHub account. For every task given, create a separate GitHub repository containing the solution and a README.md file with the description of the technologies used.

Get familiar with:

- Cloning a repository
- Creating a branch
- Adding a commit message (good article - <https://chris.beams.io/posts/git-commit/>)
- git pull, git push

2. Node Package Manager (NPM)

- What is NPM video tutorial <https://www.youtube.com/watch?v=s70-Vsud9Vk>
- NPM installation <https://www.npmjs.com/get-npm>

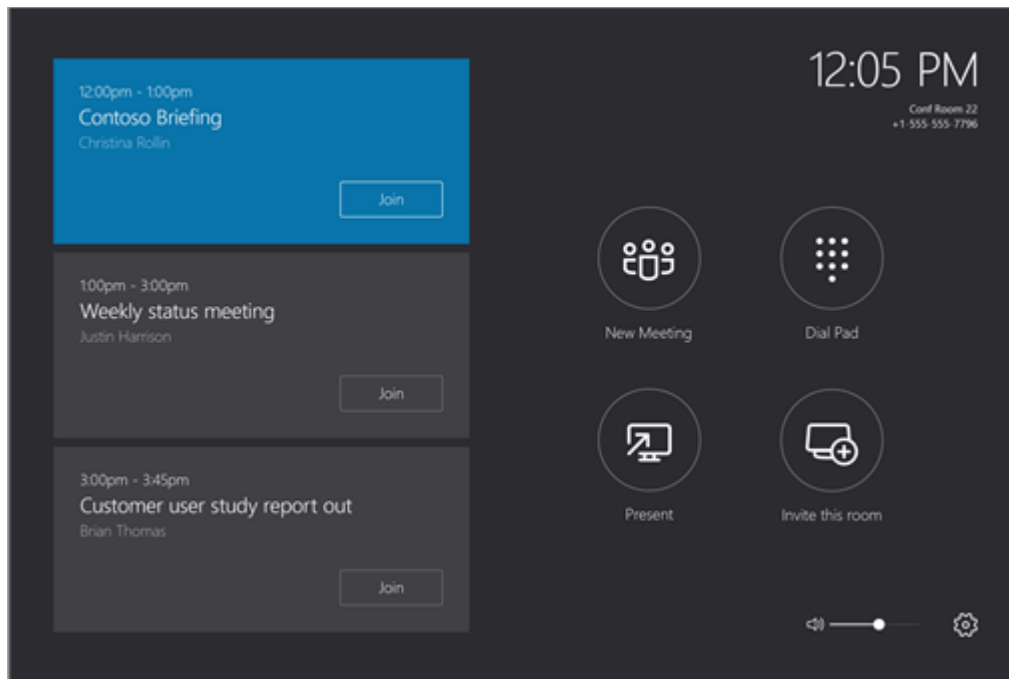
3. CSS terminology and concepts

- CSS definitions <https://www.impressivewebs.com/css-terms-definitions/>
- Ids vs classes <https://css-tricks.com/the-difference-between-id-and-class/>
- CSS cascading rules and selector specificity good article <https://blog.logrocket.com/how-css-works-understanding-the-cascade-d181cd89a4d8>

4. CSS flexbox

- CSS-tricks great article <https://css-tricks.com/snippets/css/a-guide-to-flexbox/>
- Flexbox cheat sheet <http://yoksel.github.io/flex-cheatsheet/>

Task 2: Implement the following design using CSS and flexbox.

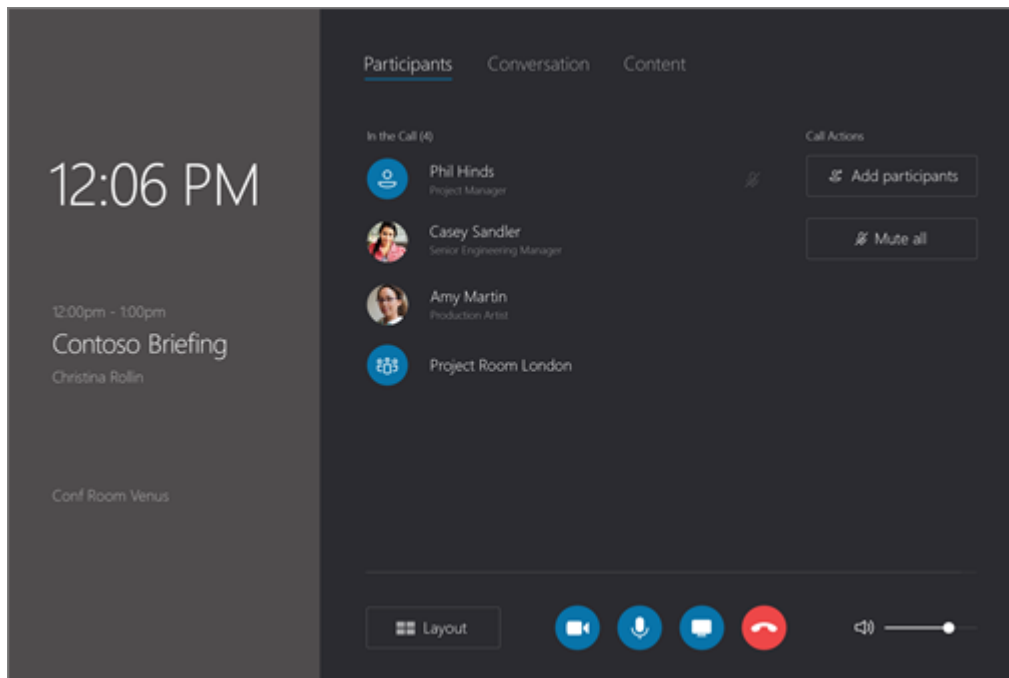


- Create a GitHub repository
- Create meaningful commit messages (example: “add initial flex layout structure”)
- Install NPM package ‘material-icons’ (<https://www.npmjs.com/package/material-icons>) for the icons of the panel
- Handle the following cases for the right pane of the panel: 6 buttons; 2 buttons; 7 buttons

5. SASS

- Introduction to preprocessors <https://htmlmag.com/article/an-introduction-to-css-preprocessors-sass-less-stylus>
- SASS official guide <https://sass-lang.com/guide>
- SASS @extend https://sass-lang.com/documentation/file.SASS_REFERENCE.html#extend

Task 3: Implement the following design using SASS:



- Create a GitHub repository
- Create meaningful commit messages (example: “add main color variables”)
- Use SASS variables
- Use SASS nesting
- Implement at least one mixin

6. Get familiar with our Kendo UI Themes GitHub repository <https://github.com/telerik/kendo-themes>